



*California***2003**

Nonpoint Source (NPS) Conference

November 5-7, 2003 • Sheraton Four Points Hotel
Ventura, California

Restoring Clean Water:
NPS Pollution Prevention and TMDLs

FIELD TRIP



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AGENDA

Friday, November 7

- | | |
|--------------------|--|
| 8:00 am | Leave from Sheraton Four Points Hotel |
| 8:00-8:30 | Travel to Ormond Beach |
| 8:30-9:45 | Visit Ormond Beach Wetlands |
| 9:45-10:30 | Travel to Santa Monica
<i>Talk on Biological Significance and State Water Quality Protection Areas—Bus A</i> |
| 10:30-12:00 | Visit Santa Monica Stormwater BMPs |
| 12:00-1:15 | Lunch |
| 1:15-1:45 | Travel to Malibu
<i>Talk on Biological Significance and State Water Quality Protection Areas—Bus B</i> |
| 1:45-3:00 | Visit Malibu Lagoon |
| 3:00-4:00 | Travel Back to Sheraton Four Points Hotel |

FIELD TRIP

Ormond Beach Wetlands

David Pritchett

Wetland Scientist

Ormond Beach Restoration Project

Consultant to State Coastal Conservancy

P. O. Box 91034

Santa Barbara, CA 93190

Phone: (805) 403-8830; e-mail: dapritch@cox.net

BIOSKETCH

David Pritchett is a consultant to State Coastal Conservancy assisting with the Ormond Beach restoration project. His expertise is in wetland science, restoration ecology, and public outreach. He has worked on Ormond Beach efforts since 1997, including 4 years as a habitat conservation biologist for U.S. Fish and Wildlife Service. Pritchett holds an MS degree in wetland ecology from University of Wisconsin, Madison, and a BA in environmental studies from University of California, Santa Barbara.

Morgan Wehtje

Senior Environmental Scientist

California Department of Fish & Game

2286 Barbara Drive

Camarillo, CA 93012

Phone: (805) 491-3571; e-mail:

Santa Monica Urban Runoff Recycling Facility (SMURRF)

Neal Shapiro

Water Resources Section Supervisor/Urban Runoff Management Coordinator

City of Santa Monica

Environmental Programs Division

200 Santa Monica Pier, Suite K

Santa Monica, CA 90401

Phone: 310-458-8223; e-mail: neal-shapiro@santa-monica.org

BIOSKETCH

Neal Shapiro is a Water Resources Section Supervisor and Urban Runoff Management Coordinator for the City of Santa Monica's Environmental Programs Division of the Environmental & Public Works Management Department. Mr. Shapiro oversees water conservation and efficiency programs, and urban runoff management programs. He has been with the city for 4 years. He worked previously for the City of Los Angeles' Office of Water Reclamation, promoting the use of recycled water, and for a decade with The Jacques Cousteau Society, researching global water issues for films, books, policies, expeditions, and various other educational programs.

Mr. Shapiro attended the University of Delaware, receiving a Master's in Marine Policy, and the University of California at Santa Barbara, receiving a Bachelor's in Aquatic Biology.

Malibu Lagoon

Suzanne Goode

California Department of Parks and Recreation
1925 Las Virgenes Road
Calabasas, CA 91302
Phone: (818) 880-0364; e-mail: sgood@parks.ca.gov

Talks on Biological Significance and State Water Quality Protection Areas

Dominic Gregorio

Environmental Scientist
State Water Resources Control Board
Division of Water Quality
P.O. Box 100
Sacramento, CA 95812
Phone: 916-341-5488; e-mail: gregd@swrcb.ca.gov

BIOSKETCH

Mr. Gregorio holds a M. S. Degree in Environmental Biology and a B. A. in Geography, with a minor in Earth and Marine Science, both from California State University, Dominguez Hills. Mr. Gregorio is an Environmental Scientist in the Ocean Standards Unit, Division of Water Quality of the State Water Resources Control Board. He is responsible for managing projects and issues associated with Areas of Special Biological Significance. Previously, Mr. Gregorio was Environmental Projects Coordinator at the Southern California Marine Institute (SCMI). While at SCMI he was a principle investigator on red tide research and marine grass surveys, and also coordinated aquaculture projects, field sampling for fish and invertebrates, water quality sampling, and marine science education projects. In addition he has been a marine biology instructor at Cypress College in Orange County, California, and at California State University, Dominguez Hills (CSUDH). At CSUDH his assignments included the teaching of distance learning classes in Marine Biology and Global Warming, over cable television and the Internet. From 1979 through 1987 Mr. Gregorio was an environmental coordinator for Texaco USA, West Coast Producing Division. At Texaco he managed a number of marine biological surveys and studies of offshore oil drilling projects, and was also responsible for oil spill contingency planning.

ABSTRACT

The California Ocean Plan, adopted by the State Water Resources Control Board (SWRCB), is the water quality control plan for protecting ocean waters of the State of California. The Ocean Plan designates thirty-four Areas of Special Biological Significance (ASBS) along the California coast. ASBS are defined as those areas designated by the SWRCB requiring protection of species or biological communities to the extent that alteration of natural water quality is undesirable. The marine biological communities in ASBS are protected from water pollution because of their value or fragility. Except under certain limited and temporary conditions, the Ocean Plan prohibits discharges into ASBS.

Over the years, various state agencies and the Legislature have designated some 18 different major categories of Marine Protected Areas and Marine Managed Areas. To simplify the nomenclature and to create an actual system, the Legislature passed Assembly Bill 2800, the Marine Managed Areas Improvement Act. This new legislation created a system of six defined categories of Marine Managed Areas, one of which is "State Water Quality Protection Areas" (SWQPAs). Effective January 2003, all 34 ASBS were reclassified as SWQPAs. According to AB 2800, in SWQPAs "point source waste and thermal discharges shall be prohibited or limited by special conditions. Nonpoint source pollution shall be controlled to the extent practicable."

A survey has been performed by the Southern California Coastal Water Research Project (SCCWRP), under contract to the SWRCB, to identify discharges from both point and nonpoint sources that enter SWQPAs. The survey report was issued in July 2003 and the associated data are available in Geographic Information System (ESRI ArcView) format.

The Mugu Lagoon to Latigo Point SWQPA includes certain ocean waters in both Ventura and Los Angeles Counties, generally offshore of the Naval Base Ventura County at Point Mugu and the City of Malibu. It includes approximately 24 miles of coast, to the mean high tide line, and 18 ½ square miles of ocean. The SCCWRP survey identified 410 discharges that drain into this SWQPA, in addition to 31 natural streams and gullies that may also contribute pollutants from upstream sources.